CLASSIFICATION CONFIDENTIAL

CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT [redacted] STAT

CD NO.

COUNTRY USSR

SUBJECT Economic; Technological - Agricultural machine building

DATE OF INFORMATION 1953

HOW PUBLISHED Daily newspapers

DATE DIST. 5 APR 1954

WHERE PUBLISHED USSR

NO. OF PAGES 3

DATE PUBLISHED 8 Oct-5 Nov 1953

LANGUAGE Russian

SUPPLEMENT TO REPORT NO.

THIS IS UNEVALUATED INFORMATION

SOURCE As indicated

USSR POTATO MACHINERY, VEGETABLE PLANTERS

MECHANIZATION OF POTATO GROWING -- Moscow, Izvestiya, 8 Oct 53

Taking the extent of mechanization of planting and harvesting grain crops in the USSR as 100 percent, the mechanization of potato-crop planting amounts to only 14 percent and the mechanization of potato-crop harvesting amounts to less than 6 percent.

Checkrow planting is the most important phase in the mechanization of potato growing. The SKG-4 potato planter has been designed to mechanize checkrow planting of potato crops.

In 1952, in Moskovskaya Oblast, most of the kolkhozes using the SKG-4 potato planter increased the yield by 4 to 8 tons per hectare. A kolkhoz harvested 167 centners of potatoes per hectare from areas that were checkrow planted and only 80 centners of potatoes per hectare from areas that were row planted.

Machine building plants in the USSR will produce tens of thousands of SKG-4 potato planters during 1954 and 1955.

The SKG-4 potato planter, the cultivator, and the KOK-2 and the KKR-2 potato harvesters complete the mechanization of potato growing.

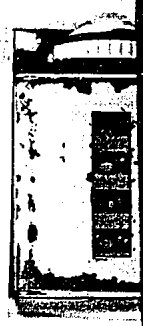
EXPAND USE OF SKG-4 POTATO PLANTERS -- Petrozavodsk, Leninskoye Znamya, 11 Oct 53

The Sortavala and the Medvezh'yegorsk branches of the Administration of Material and Technical Supplies, Ministry of Agriculture and Procurement Karelo-Finnish SSR, have received three SKG-4 potato planters. In a few days 17 more potato planters will be delivered to the Karelo-Finnish SSR.

[redacted] STAT

CLASSIFICATION CONFIDENTIAL

STATE	NAVY	NSRB	DISTRIBUTION
ARMY	AIR	FBI	



CONFIDENTIAL

Leningrad, Leningradskaya Pravda, 21 Oct 53

During the next 2 years, in 1954 and in 1955, kolkhozes and sovkhozes of the USSR will be supplied with 46,000 SKG-4 potato planters.

In 1953, SKG-4 potato planters have been used to plant 65,000 hectares of potatoes in the Moscow area.

EXCEEDS PRODUCTION PLAN FOR FARM MACHINES -- Moscow, Vechernyaya Moskva, 14 Oct 53

The Podol'sk Plant of the Moskovskaya Oblast Agricultural Machine Building Trust produced 93 potato-digging machines and 22 root and tuber washers in excess of its September 1953 production plan.

PRODUCE EXPERIMENTAL MODELS IN RECORD TIME -- Moscow, Izvestiya, 14 Oct 53

The Tula Self-Propelled Combine Plant has been assigned the production of the KKR-2 potato-harvesting combine. It took the plant only 20 days to organize production, to assemble two KKR-2 potato combines, and to get them ready for extensive testing.

Moscow, Pravda, 19 Oct 53

The Tula Self-Propelled Combine Plant will be the main producer of the KKR-2 potato-harvesting combine. The plant will produce thousands of KKR-2 combines yearly.

Moscow, Pravda, 5 Nov 53

On 1 January 1954, the Tula Self-Propelled Combine Plant plans to start series production of the KKR-2 potato-harvesting combine.

TEST POTATO COMBINE -- Leningrad, Leningradskaya Pravda, 17 Oct 53

On 15 October 1953, the Kuybyshev Machinery Plant started testing the KKR-2 potato combine. The plant plans to produce 5,000 KKR-2 potato combines in 1954.

TO MASS PRODUCE POTATO HARVESTING COMBINE -- Moscow, Izvestiya, 15 Oct 53

The Syzran' Agricultural Machinery Plant is preparing for mass production of the KOK-2 potato-harvesting combine, used on fields with light soil. The plant plans to make hundreds of KOK-2 combines in the fourth quarter of 1953.

USE PAPER FOR VEGETABLE PLANTING -- Riga, Sovetskaya Latviya, 16 Oct 53

Designers of the All-Union Scientific Research Institute of Agricultural Machine Building have developed a two-row vegetable planter. The planter is supplied with two rolls of specially treated paper which unrolls on the ground as the planter moves along the field. Special devices punch holes in the paper and deposit seeds. The paper is later covered with earth.

The specially treated paper helps seeds germinate and prevents weeds from growing around vegetables, thereby, simplifying the task of cultivating.

[redacted] STAT

DESCRIBE SEEDLING PLANTER -- Moscow, Izvestiya, 20 Oct 53

The SRN-4 Seedling Planter is designed for mounting on the Belarus' tractor. When the planter is mounted on the tractor, the tractor is equipped with two 300-liter tanks for liquid fertilizer or water, and racks which hold 60 boxes with seedlings.

Twelve workers are required to operate the planter.

Four workers, who sit behind the palnter, place seedlings in furrows. Liquid fertilizer or water is applied automatically by special devices before seedlings are placed in furrows. Special attachments cover seedlings with earth and press down the area around the roots.

The SRN-4 planter moves at the rate of 0.9 to 1.2 kilometers per hour. The planter has to stop for new supplies of seedling and liquid fertilizer or water every 200 meters.

- E N D -

[redacted] STAT